

TABLE 16

Federal obligations for research and experimental development to federally funded research and development centers, by FFRDC and agency: FY 2021

(Dollars in thousands)

FFRDC	Total	DHS	DOC	DOD	DOE	HHS	NASA	NSF	Other ^a
All FFRDCs	14,791,390	71,103	20,709	3,501,650	7,904,787	728,866	2,051,453	298,451	214,372
Administered by industrial firms	4,134,050	33,717	0	379,548	3,026,000	665,197	14,480	0	15,109
Frederick National Laboratory for Cancer Research	673,036	15,788	0	386	0	656,862	0	0	0
Idaho National Laboratory	270,623	3,112	0	3,759	258,846	0	250	0	4,655
Lawrence Livermore National Laboratory	1,142,047	12,915	0	79,345	1,043,664	1,219	1,550	0	3,354
Los Alamos National Laboratory	942,044	1,000	0	46,194	875,961	5,632	11,537	0	1,720
Sandia National Laboratories	1,036,941	420	0	232,393	796,122	1,485	1,143	0	5,379
Savannah River National Laboratory	69,359	482	0	17,470	51,407	0	0	0	0
Administered by universities and colleges ^b	5,810,343	501	794	1,127,840	2,365,279	24,254	1,994,948	293,711	3,016
Ames Laboratory	30,513	0	0	0	30,513	0	0	0	0
Argonne National Laboratory	660,504	60	0	5,035	648,417	4,228	0	0	2,766
Fermi National Accelerator Laboratory	297,623	0	0	0	297,623	0	0	0	0
Green Bank Observatory	8,900	0	0	0	0	0	0	8,900	0
Jet Propulsion Laboratory	2,007,599	0	0	15,132	0	0	1,992,218	0	250
Lawrence Berkeley National Laboratory	831,585	0	0	12,905	797,934	18,015	2,731	0	0
Lincoln Laboratory	975,858	0	0	975,858	0	0	0	0	0
NSF's National Optical-Infrared Astronomy Research Laboratory	60,317	0	0	0	0	0	0	60,317	0
National Center for Atmospheric Research	106,662	0	794	1,767	0	0	0	104,100	0
National Radio Astronomy Observatory	98,205	0	0	0	0	0	0	98,205	0
National Solar Observatory	22,188	0	0	0	0	0	0	22,188	0
Princeton Plasma Physics Laboratory	126,515	0	0	0	126,515	0	0	0	0
SLAC National Accelerator Laboratory	334,039	441	0	828	330,759	2,012	0	0	0
Software Engineering Institute	64,146	0	0	64,146	0	0	0	0	0
Thomas Jefferson National Accelerator Facility	185,688	0	0	52,170	133,518	0	0	0	0
Administered by nonprofit institutions ^c	4,846,997	36,885	19,914	1,994,262	2,513,509	39,415	42,025	4,740	196,247
Aerospace FFRDC	552,436	0	0	516,597	0	0	35,838	0	0
Arroyo Center	2,710	0	0	2,710	0	0	0	0	0
Brookhaven National Laboratory	513,814	524	0	0	502,770	3,600	6,186	0	734
CMS Alliance to Modernize Healthcare	13,819	0	0	0	0	13,819	0	0	0
Center for Advanced Aviation System Development	101,961	0	0	17,607	0	0	0	0	84,354
Center for Communications and Computing	57,748	0	0	57,748	0	0	0	0	0
Center for Enterprise Modernization	127,526	0	0	35,979	0	0	0	0	91,547
Center for Naval Analyses	53,281	0	0	53,281	0	0	0	0	0
Center for Nuclear Waste Regulatory Analyses	22,918	0	0	20,718	0	0	0	0	2,201
Homeland Security Operational Analysis Center	6,346	6,346	0	0	0	0	0	0	0
Homeland Security Systems Engineering and Development Institute	33,404	27,610	0	5,794	0	0	0	0	0
Judiciary Engineering and Modernization Center	4,362	0	0	0	0	0	0	0	4,362
NSEC—Bedford, MA	890,187	0	0	890,187	0	0	0	0	0
NSEC—McLean, VA	59,155	0	0	59,155	0	0	0	0	0
National Cybersecurity Center of Excellence	33,501	0	19,914	13,586	0	0	0	0	0
National Defense Research Institute	18,107	0	0	13,367	0	0	0	4,740	0
National Renewable Energy Laboratory	457,685	0	0	4,074	453,297	0	0	0	313
Oak Ridge National Laboratory	1,169,440	685	0	34,976	1,123,627	616	0	0	9,536

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(Dollars in thousands)

FFRDC	Total	DHS	DOC	DOD	DOE	HHS	NASA	NSF	Other ^a
Pacific Northwest National Laboratory	485,925	1,721	0	26,124	433,499	21,380	0	0	3,201
Project Air Force	51,416	0	0	51,416	0	0	0	0	0
Science and Technology Policy Institute	857	0	0	542	315	0	0	0	0
Systems and Analyses Center	190,401	0	0	190,401	0	0	0	0	0

DHS = Department of Homeland Security; DOC = Department of Commerce; DOD = Department of Defense; DOE = Department of Energy; FFRDC = federally funded research and development center; HHS = Department of Health and Human Services; NASA = National Aeronautics and Space Administration; NSF = National Science Foundation.

^a Includes data for the Departments of the Interior, Transportation, the Treasury, and Veterans Affairs; the Administrative Office of the U.S. Courts; the Environmental Protection Agency; and the Nuclear Regulatory Commission.

^b Includes university consortia.

^c Other than universities and colleges.

Note(s):

Because of rounding, detail may not add to total. Only those agencies and subdivisions that had obligations in variables represented by this table appear in the table. FY 2021 obligations include additional funding provided by supplemental COVID-19 pandemic-related appropriations (e.g., Coronavirus Aid, Relief, and Economic Security [CARES] Act). See technical table A-2 for additional notes associated with the agencies listed in this table.

Source(s):

National Center for Science and Engineering Statistics, Survey of Federal Funds for Research and Development, FYs 2021–22.